What is claimed is:

1	1. A method for adapting a standard code base, the method comprising:
2	canonically parsing a modified version of a first release of a standard code
3	base to generate a canonically-parsed representation of the modified version;
4	generating difference data representative of changes made to the first
5	release of the standard code base using the canonically-parsed of the modified
6	version; and
7	using the difference data in applying the changes made to the first release
8	of the standard code base to a second release of the standard code base.
1	2. The method of claim 1, further comprising canonically parsing an unmodified
2	version of the first release of the standard code base to generate a canonically-parsed of
3	the unmodified version, wherein generating the difference data includes comparing the
4	canonically-parsed representations of the unmodified and modified versions of the first
5	release of the standard code base
1	3. The method of claim 1, further comprising canonically parsing an intermediate
2	version of the first release of the standard code base to generate a canonically-parsed
3	representation of the intermediate version, wherein generating the difference data
4	includes comparing the canonically-parsed representations of the intermediate and
5	modified versions of the first release of the standard code base.
1	4. The method of claim 3, wherein the intermediate version of the first release of
2	the standard code base is generated using automated source transformation, and wherein
3	the modified version of the first release of the standard code base is generated by applying
4	manual changes to the intermediate version of the first release of the standard code base.

1	5. The method of claim 1, wherein generating the difference data includes
2	identifying a plurality of changed semantic components in the modified version of the
3	first release of the standard code base.
1	6. The method of claim 5, wherein identifying the plurality of changed semantic
2	components includes identifying a change made to a selected semantic component,
3	wherein the change is selected from the group consisting of deletion, modification,
4	addition and replacement.
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1	7. The method of claim 6, wherein generating the difference data includes
2	generating at least one XML file, the XML file including a tag for a changed semantic
3	component, the tag identifying the changed semantic component and including an
4	attribute representing the change made to the changed semantic component.
1	8. The method of claim 5, wherein using the difference data in applying the
2	changes made to the first release of the standard code base to the second release of the
3	standard code base includes notifying a user of a change in a changed semantic
4	component.
1	9. The method of claim 5, wherein using the difference data in applying the
2	changes made to the first release of the standard code base to the second release of the
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3	standard code base includes automatically applying a change in a changed semantic
4	component to the second release of the standard code base.
1	10. The method of claim 1, further comprising using the difference data in
2	applying the changes made to the first release of the standard code base to a third release
3	of the standard code base

11. An apparatus, comprising: 1 2 a memory; at least one processor; and 3 program code resident in the memory and configured to execute on the at 4 least one processor to adapt a standard code base, the program code configured to 5 canonically parse a modified version of a first release of a standard code base to 6 generate a canonically-parsed representation of the modified version; generate 7 difference data representative of changes made to the first release of the standard 8 code base using the canonically-parsed of the modified version; and use the 9 difference data in applying the changes made to the first release of the standard 10 code base to a second release of the standard code base. 11 12. The apparatus of claim 11, wherein the program code is further configured to 1 canonically parse an unmodified version of the first release of the standard code base to 2 generate a canonically-parsed of the unmodified version, and wherein the program code is 3 configured to generate the difference data by comparing the canonically-parsed 4 representations of the unmodified and modified versions of the first release of the 5 standard code base. 6 13. The apparatus of claim 11, wherein the program code is further configured to 1 canonically parse an intermediate version of the first release of the standard code base to 2 generate a canonically-parsed representation of the intermediate version, and wherein the 3 program code is configured to generate the difference data by comparing the canonically-4 parsed representations of the intermediate and modified versions of the first release of the 5 6 standard code base. 14. The apparatus of claim 13, wherein the intermediate version of the first 1 release of the standard code base is generated using automated source transformation, and 2

wherein the modified version of the first release of the standard code base is generated by

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4	applying manual changes to the intermediate version of the first release of the standard
5	code base.
1	15. The apparatus of claim 11, wherein the program code is configured to
2	generate the difference data by identifying a plurality of changed semantic components in
3	the modified version of the first release of the standard code base.
1	16. The apparatus of claim 15, wherein the program code is configured to
2	identify the plurality of changed semantic components by identifying a change made to a
3	selected semantic component, wherein the change is selected from the group consisting of
4	deletion, modification, addition and replacement.
1	17. The apparatus of claim 16, wherein the program code is configured to
2	generate the difference data by generating at least one XML file, the XML file including a
3	tag for a changed semantic component, the tag identifying the changed semantic
4	component and including an attribute representing the change made to the changed
5	semantic component.
1	18. The apparatus of claim 15, wherein the program code is configured to use the
2	difference data in applying the changes made to the first release of the standard code base
3	to the second release of the standard code base by notifying a user of a change in a
4	changed semantic component.
1	19. The apparatus of claim 15, wherein the program code is configured to use the
2	difference data in applying the changes made to the first release of the standard code base
3	to the second release of the standard code base by automatically applying a change in a
4	changed semantic component to the second release of the standard code base.

1	20. The apparatus of claim 11, wherein the program code is further configured to
2	use the difference data in applying the changes made to the first release of the standard
3	code base to a third release of the standard code base.

21. A program product, comprising: 1 program code configured to adapt a standard code base by canonically 2 parsing a modified version of a first release of a standard code base to generate a 3 canonically-parsed representation of the modified version; generating difference 4 data representative of changes made to the first release of the standard code base 5 using the canonically-parsed of the modified version; and using the difference 6 data in applying the changes made to the first release of the standard code base to 7 a second release of the standard code base; and 8 9 a signal bearing medium bearing the program code. 22. The program product of claim 21, wherein the signal bearing medium 1 includes at least one of a transmission medium and a recordable medium. 2